

## MODULAR DIGITAL TELEVISION ARCHITECTURE

### ABSTRACT

A modular digital television architecture and method of designing the same is disclosed. The television architecture includes a processing chassis module operative to convert an analog input signal into at least a first digital signal for use in providing information to a display; a presentation chassis module operative to convert audio and visual components of the at least first digital signal into a final signal for presentation on the display, the audio and visual conversion being performed in a first domain; and an interface operative to interconnect the processing chassis module and the presentation chassis module. The processing and presentation chassis module are designed and operate independently of one another. The interface is a global interface capable of being used in conjunction with a plurality of chassis architectures. By employing a modular design, a variety of digital television systems can be readily produced.

00000001-052101